

Epoxy Gel

MATERIAL SAFETY DATA SHEET

POWER POXY ADHESIVES, INC.

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Emergency Telephone: (414) 821-1999, (800) 248-7699

Common Name: EPOXY GEL
(Trade name & synonyms)

Chemical Name: Epoxy Resin and Aliphatic Amine Curing Agent

Chemical Family: Epoxy:Amine

CAS Number: Mixture

SECTION 1: HAZARDOUS INGREDIENTS

Component

A: Epoxy Resin with no established TLV

%

>95

ACGIH TLV

B: Amines with no established TLV

25-35

All ingredients are listed in the TSCA Inventory.

SECTION 2: PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point (°F): >225

Spec. Gravity (H₂O=1): 1.00

Vapor Pressure (mm/Hg): Nil

Volatiles (% by vol): 0

Vapor Density (Air=1): >1

Evaporation Rate (BuAC): <1

Solubility in Water: Negligible

Appearance & Odor: A: Off-white paste

B: Off-white paste; ammoniacal odor

SECTION 3: FIRE & EXPLOSION DATA

Flash Point (Test Method): >200°F (PMCC)

Flammable Limits in Air (% by volume): Lel - N/A

Uel - N/A

Extinguishing Media: Water spray, foam CO₂, dry chemical.

Special Fire Fighting Precautions/Procedures:

Avoid breathing smoke. In confined areas, full fire fighting equipment including NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire & Explosion Hazards: None

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PRODUCT: 670XY 63A & B

SECTION 4: HEALTH HAZARD INFORMATION

Threshold Limit Value: Not established.

ANSI Hazard Class: A: 4 B: 4

Signs & Symptoms of Exposure:

1. Acute Overexposure:

- A: Moderately irritating to skin and eyes; possible skin sensitizer.
- B: Vapors are irritating to skin and eyes.

2. Chronic Overexposure:

- A: Pre-existing skin and eye disorders may be aggravated.
- B: Unknown.

Routes of Exposure:

Inhalation:

- A: Not likely to produce adverse effects due to low volatility.
- B: Vapors are irritating to skin and eyes.

Ingestion:

- A: Low order of toxicity.
- B: Moderate toxicity; may cause burns of mouth and throat.

Skin Absorption:

- A: Not likely to be absorbed through skin in toxic amounts.
- B: Repeated or prolonged exposure may be harmful.

Skin Contact:

- A: Moderately irritating; may cause sensitization.
- B: May cause chemical burns and/or develop allergic skin reaction.

Eye Contact:

- A: Moderately irritating.
- B: Moderately irritating, permanent damage possible on prolonged exposure.

Carcinogenicity:

	<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>
A:	No	No	No
B:	No	No	No

SECTION 5: EMERGENCY AND FIRST AID PROCEDURES:

Skin:

Remove contaminated clothing. Wash from skin with soap and water. Launder clothing prior to re-using.

Eyes:

Flush with water for 15 minutes while holding eyelids open. Get medical attention.

Inhalation:

Remove victim to fresh air. Administer oxygen if necessary.

Ingestion:

Do not induce vomiting. Give large doses of water. Get medical attention.

MATERIAL SAFETY DATA SHEET**PRODUCT: EPOXY GEL, A & B****SECTION 6: REACTIVITY DATA**

Stability: Stable: X Unstable:
Conditions to Avoid: Elevated temperatures.
Incompatibility (Materials to Avoid):
Strong oxidizing agents, strong acids and bases.
Hazardous Decomposition Products:
Oxides of carbon and nitrogen.
Hazardous Polymerization: May Occur: Will not occur: X
Conditions to Avoid:
Large mixtures in bulk. Curing process is exothermic.

SECTION 7: SPILL AND LEAK PROCEDURES

Steps To Be Taken if Material is Spilled or Released:
Avoid contact with liquids and vapors. Wipe with a cloth or collect any absorbent material. For large spills, dike and contain. Pump or shovel into salvage vessels.

Waste Disposal Method:
Cure, then bury or incinerate. Remove salvage vessels to a waste disposal site operating in compliance with Federal, State, and Local regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specific Type):
For excessive vapors or to maintain below TLV limit, NIOSH approved respirator in compliance to 29-CFR 1910.134.

Ventilation: Local Exhaust: Yes
Mechanical: Yes
Other: N/A

Protective Gloves: Impervious rubber
Eye Protection: Splash-proof chemical goggles

Other Protective Clothing or Equipment:
For prolonged exposure, impervious clothing and boots to minimize personal contact. Eye wash station, safety shower.

SECTION 9: SARA TITLE III INFORMATION

Section 302/304: Extremely Hazardous Substance
Component CAS # 1 RO(Lbs) TPO(Lbs)
None

CERCLA Section 102 (a): Hazardous Substance
Component CAS # 1 RO(Lbs)
None